AUTHOR INDEX

1987, Volume 58

ABID F *see* Ismail M *et al*
ABO Y *see* Nomura M *et al*
ADGEY A A J *see* Dalzell G W N *et al*
AIRAKSINEN K E J (& Ikäheimo M J, Linnaluoto M K, Niemelä M, Takkunen J T) Impaired vagal heart rate control in coronary artery disease 592
AL-ASKA A K *see* Rajapakse C N A *et al*
AL KASAB S (& Ribeiro P, Al Zaibag M) Use of a double balloon technique for percutaneous balloon pulmonary valvotomy in adults 136
AL-NOZHA M *see* Rajapakse C N A *et al*
AL-ORAINEY I *see* Rajapakse C N A *et al*
AL-SIBA'I M B *see* Jeroudi M O *et al*
AL ZAIBAG M *see* Al Kasab S *et al*
ALLAN L D *see* Machado M V L *et al*
ALLEN J D *see* Dalzell G W N *et al*
AMTORP O *see* Kassis E *et al*
ANDERSON J *see* Dalzell G W N *et al*
ANDERSON R H *see* Rossi M B *et al*
ANTONELLI D (& Rosenfeld T) Variant angina induced by biliary colic: case report 417
ARUTA E *see* Sullivan I D *et al*
ASKA A K AL *see* Al-Aska A K
ATALLAH G *see* Touboul P *et al*
AUBERT A *see* Ichida F *et al*

BAANDRUP U *see* Vesterby A *et al*
BAID C S (& Varma A R, Lakhotia M) A case of subacute effusive constrictive pericarditis with a probable amoebic aetiology: case report 296
BAILEY J S *see* Harris A M *et al*
BAIN H *see* Wren C *et al*
BASSAN M M (& Michaeli J, Shalev O) Failure of propranolol to improve exercise tolerance in patients with mitral stenosis in sinus rhythm 254
BEATT K J *see* Di Mario C *et al*
BECKER A E *see* Ueda M *et al*
Yonesaka S & Becker A E
BEG R A *see* Singh R N *et al*
BEITZKE A *see* Zobel G *et al*
BELCHER P (& Glenville B, Cooper L) Successful use of a right ventricular assist device: case report 162
—*see also* Carvalho J S *et al*
BENNETT D H *see* Schofield P M *et al*
BENSON L N *see* Robertson M *et al*
BERTRAND M E (& Lablanche J M, Fourrier J L, Traisnel G) Percutaneous transluminal coronary angioplasty in patients with spasm superimposed on atherosclerotic narrowing 469
BHANDARI K *see* Misra M *et al*
BILLINGHAM M Acute myocarditis: a diagnostic dilemma: editorial 6
BISHOP N(& Rees M R, Mackintosh A F) Combined percutaneous balloon dilatation of the aortic valve and coronary angioplasty: case report 672
BISSETT J K (& Matts J, Sharma B. Program on Surgical Control for Hyperlipidemia—study group (POSCH)) Residual myocardial jeopardy in patients with Q-wave and non-Q-wave infarctions 460
BORG L *see* Vesterby A *et al*
BÖRNER N *see* Erbel R *et al*
BLOMSTRÖM-LUNDQVIST C (& Sabel K-G, Olsson S B) A long term follow up of 15 patients with arrhythmogenic right ventricular dysplasia 477
BLOOMFIELD P *see* MacLeod D *et al*
BONNEVIE O *see* Kelbæk H *et al*
BONO D DE *see* De Bono D
BOON N A (& Frew A J, Johnston J A, Cobbe S M) A comparison of symptoms and intra-arterial ambulatory blood pressure during long term dual chamber atrioventricular synchronous (DDD) and ventricular demand (VVI) pacing 34
BOURDILLON P D V Assessing the success of percutaneous transluminal coronary angioplasty: editorial 185
BRAND M VAN DEN *see* van den Brand M
BRAY C L *see* Schofield P M *et al*
BREMBILLA-PERROT B (& Terrier de la Chaise A, Isaaz K, Marçon F, Cherrier F, Pernot C) Inducible multiform ventricular tachycardia in Wolff-Parkinson-White syndrome 89
BRICAIRE F *see* Leport C *et al*
BRIGDEN W Hypertrophic cardiomyopathy: Jubilee editorial 299
BRITISH CARDIAC SOCIETY WORKING GROUP Cardiology in the district hospital: report 537
BROOKS N H *see* Schofield P M *et al*
BROUGHTON A *see* Weissberg P L *et al*
BROWN A P (& Dawkins K D, Davies J G) Detection of arrhythmias: use of a patient-activated ambulatory electrocardiogram device with a solid-state memory loop 251
— —Parker D J) "Late" manifestations of cardiovascular syphilis occurring in a young man: case report 405
BRUNIER J *see* Erbel R *et al*
BUCKLEY M G *see* Singer D R J *et al*
BUCKNALL C A (& Lewis S, Vincent R, Jackson G, Jewitt D E, Chamberlain D A) Transvenous cardioversion for the management of recurrent ventricular arrhythmias 245
BULL C *see* Wren C *et al*
BULLER N *see* Lipkin D P *et al*
BURN J *see* Rossi M B *et al*
BURROWS F A *see* Robertson M *et al*
BURROWS P *see* Robertson M *et al*

CAIRNS A W *see* Joy M *et al*
CAMPBELL I W *see* Chalmers N & Campbell I W
CAPLIN J L (& Dymond D S, Flatman W D, Spurrell R A J) Global and regional right ventricular function after acute myocardial infarction: dependence upon site of left ventricular infarction 101
CARVALHO J S (& Belcher P, Knight W B) Infection of modified Blalock shunts: case report 287
CHAISE A TERRIER DE LA *see* Terrier de la Chaise A
CHALMERS N (& Campbell I W) Left atrial metastasis presenting as recurrent embolic strokes: case report 170
CHAMBERLAIN D A The medical treatment of angina pectoris: Jubilee editorial 547
—*see also* Bucknall C A *et al*
CHERRIER F *see* Brembilla-Perrot B *et al*
CHITA S C *see* Machado M V L *et al*
CHRISTENSEN N J *see* Kelbæk H *et al*
CLELAND J G F (& Dargie H J, Ford I) Mortality in heart failure: clinical variables of prognostic value 572
— —Robertson I, Robertson J I S, East B W) Total body electrolyte composition in patients with heart failure: a comparison with normal subjects and patients with untreated hypertension 230
COBBE S M *see* Boon N A *et al*
COHEN A *see* Leport C *et al*
COLGAN S *see* Schofield P M *et al*
COLLEDGE N R *see* Dewhurst N G *et al*
COLLIER B D *see* Daley P J *et al*
COMMEAU P (& Grollier G, Huret B, Foucault J P, Potier J C) Percutaneous mitral valvotomy in rheumatic mitral stenosis: a new approach 142

COOPER L *see* Belcher P *et al*
COX J N *see* Dusmet M *et al*
CRAKE T (& Crean P A, Shapiro L M, Rickards A F, Poole-Wilson P A) Coronary sinus pH during percutaneous transluminal coronary angioplasty: early development of acidosis during myocardial ischaemia in man 110
—(& Quyyumi A A, Wright C, Mockus L, Fox K M) Treatment of angina pectoris with nifedipine: a double blind comparison of nifedipine and slow-release nifedipine alone and in combination with atenolol 617
CREAN P *see* Urban P *et al*
CREAN P A *see* Crake T *et al*
CRICK J C P *see* Timmis A D *et al*
CROZIER I G (& Ikram H, Nicholls M G, Espiner E A, Yandle T G) Atrial natriuretic peptide in spontaneous tachycardias 96
CUNNINGHAM S R *see* Dalzell G W N *et al*

DALEY P J (& Sagar K B, Collier B D, Kalbfleisch J, Wann L S) Detection of exercise induced changes in left ventricular performance by Doppler echocardiography 447
DALLOCCHIO M *see* Roudaut R *et al*
DALY L E (& Hickey N, Graham I M, Mulcahy R) Predictors of sudden death up to 18 years after a first attack of unstable angina or myocardial infarction 567
DALZELL G W N (& Cunningham S R, Wilson C M, Allen J D, Anderson J, Adgey A A J) Ventricular defibrillation: the Belfast experience: review 441
DANIELSON G K *see* Lemery R *et al*
DARGIE H J *see* Cleland J G F *et al*
DAVIES G *see* Yousif H *et al*
DAVIES J G *see* Brown A P *et al*
DAVIES M J *see* Guiney T E *et al*
DAWKINS K D *see* Brown A P *et al*
DE BONO D *see* MacLeod D *et al*
DE FEYTER P *see* Di Mario C *et al*
DE LA CHAISE A TERRIER *see* Terrier de la Chaise A
DE LEVAL M *see* Karl T *et al*
DEAN J W *see* Singer D R J *et al*
DEANFIELD J *see* Wren C *et al*
DEANFIELD J E *see* Sullivan I D *et al*
DELLINGER A *see* Touboul P *et al*
DEN BRAND M VAN *see* van den Brand M
DENEF B *see* Ichida F *et al*
DER HAUWAERT L G VAN *see* Van der Hauwaert L G
DEVINE W A *see* Rossi M B *et al*
DEWHURST N G (& Colledge N R, Miller H C) Severe pulmonary hypertension and multiple left coronary arterial fistulas in association with congenital hepatic fibrosis: case report 525
DI MARIO C (& Beatt K J, de Feyter P, van den Brand M, Essed C E, Serruys P W) Percutaneous aortic balloon dilatation for calcific aortic stenosis in elderly patients: immediate haemodynamic results and short term follow up 644
DIAZ R A (& Obasohan A, Oakley C M) Prediction of outcome in dilated cardiomyopathy 393
DICKINSON D F *see* Hamilton J R L *et al*
DOLLERY C Hypertension: Jubilee editorial 179
DRUMMER E (& Furey K, Hollman J) Rupture of a saphenous vein bypass graft during coronary angioplasty: case report 78
DUMOULIN M *see* Ichida F *et al*
Moerman P *et al*
DUSMET M (& Oberhaensli I, Cox J N) Ebstein's anomaly of the tricuspid and mitral valves in an otherwise normal heart: case report 400
DYMOND D S *see* Caplin J L *et al*

EAST B W *see* Cleland J G F *et al*
ENDRESEN K *see* Ihlen H *et al*
ERBEL R (& Börner N, Steller D, Brunier J, Thelen M, Pfeiffer C, Mohr-Kahaly S, Iversen S, Oelert H, Meyer J) Detection of aortic dissection by transoesophageal echocardiography 45
ERIKSEN J *see* Kelbæk H *et al*
ESPINER E A *see* Crozier I G *et al*
ESSED C E *see* Di Mario C *et al*
EVANS R *see* Shaw D B *et al*

FANANAPAZIR L *see* MacLeod D *et al*
FEYTER P DE *see* De Feyter P
FIASCONARO G *see* Saviolo R & Fiasconaro G
FIRMIN D N *see* Klipstein R H *et al*
Rees R S O *et al*
FLATMAN W D *see* Caplin J L *et al*
FONSEKA S F *see* Hamilton J R L *et al*
FORD I *see* Cleland J G F *et al*
FOUCAULT J P *see* Commeau P *et al*
FOURRIER J L *see* Bertrand M E *et al*
FOX K *see* Heath D *et al*
Urban P *et al*
FOX K M *see* Crake T *et al*
FRASER A G (& Passani S, Hayward M W J) Chronic proximal aortic dissection presenting as tamponade after 16 years: case report 166
FREEDOM R M *see* Robertson M *et al*
FRENNEAUX M *see* Lipkin D P *et al*
FREW A J *see* Boon N A *et al*
FRITZ-HANSEN P *see* Kassis E *et al*
FUJIMOTO T *see* Ueda M *et al*
FUKAZAWA M (& Honda S, Fukushige J, Sunagawa H, Yasui H, Ueda K) To what extent does the size of a ventricular septal defect correlate with haemodynamic data derived from cardiac catheterisation? 19
FUKUI R *see* Nomura M *et al*
FUKUSHIGE J *see* Fukazawa M *et al*
FUREY K *see* Drummer E *et al*

GAUDEBOUT C *see* Leport C *et al*
GERSH B J *see* Lemery R *et al*
McLaran C J *et al*
GLENVILLE B *see* Belcher P *et al*
GODDEN D J (& MacCulloch M S, Sandhu P S, Kerr F) Correcting a block?: successful experience of a small British pacing centre 495
GODTFREDSEN J *see* Kelbæk H *et al*
GOLF S *see* Ihlen H *et al*
GOOCH V M *see* Sullivan I D *et al*
GOSNEY J *see* Heath D *et al*
GOSSE P *see* Roudaut R *et al*
GRAHAM I M *see* Daly L E *et al*
GREAVES S C (& Roche A H G, Neutze J M, Whitlock R M L, Veale A M O) Inheritance of hypertrophic cardiomyopathy: a cross sectional and M mode echocardiographic study of 50 families 259
GRIFFIN B *see* Timmis A D *et al*
GROLLIER G *see* Commeau P *et al*
GUINEY T E (& Davies M J, Parker D J, Leech G J, Leatham A) The aetiology and course of isolated severe aortic regurgitation: a clinical, pathological, and echocardiographic study 358
GUSSENHOVEN E J *see* Taams M A *et al*

HALIM K *see* Rajapakse C N A *et al*
HALIM M A *see* Jeroudi M O *et al*
HALL D R (& Petch M C) Reversibility of primary pulmonary hypertension during six years of treatment with oral diazoxide: correspondence 420
HAMILTON J R L (& Fonseka S F, Wilson N, Dickinson D F, Walker D R) Operative balloon dilatation for pulmonary atresia with intact ventricular septum 374
HAMMILL S C *see* Lemery R *et al*
McLaran C J *et al*
HANNACHI N *see* Ismail M B *et al*
HANSEN P FRITZ *see* Fritz-Hansen P
HARDER E J *see* Jeroudi M O *et al*
HARMOINEN A *see* Pietilä K *et al*
HARPER R W *see* Weissberg P L *et al*

HARRIS A M (& Shawkat S, Bailey J S) The use of an endotracheal tube for cannulation of left superior vena cava via coronary sinus for repair of a sinus venosus atrial septal defect: case report 676
HARRIS P Congestive cardiac failure: central role of the arterial blood pressure: St Cyres lecture 1986 190
—*see also* Heath D *et al*
HÄRTEL G *see* Kupari M *et al*
HASHIGUCHI R *see* Matsuura H *et al*
HAUGE S NITTER *see* Nitter-Hauge S
HAUWAERT L G VAN DER *see* Van der Hauwaert L G
HAYWARD M W J *see* Fraser A G *et al*
HEATH D (& Smith P, Gosney J, Mulcahy D, Fox K, Yacoub M, Harris P) The pathology of the early and late stages of primary pulmonary hypertension 204
HEAVER P A *see* Shaw D B *et al*
HEIKKILÄ J *see* Pietilä K *et al*
HICKEY N *see* Daly L E *et al*
HISHIDA H *see* Nomura M *et al*
HO S Y *see* Rossi M B *et al*
HOLLMAN J *see* Drummer E *et al*
HOLMES D R *see* Lemery R *et al*
McLaran C J *et al*
HONDA S *see* Fukazawa M *et al*
HOSHINO T (& Ohmae M, Sakai A) Spontaneous resolution of a dissection of the descending aorta after medical treatment with a beta blocker and a calcium antagonist: case report 82
HUNTER S *see* Wren C *et al*
HURET B *see* Commeau P *et al*

ICHIDA F (& Aubert A, Denef B, Dumoulin M, Van der Hauwaert L G) Cross sectional echocardiographic assessment of great artery diameters in infants and children 627
IHLEN H (& Endresen K, Golf S, Nitter-Hauge S) Cardiac stroke volume during exercise measured by Doppler echocardiography: comparison with the thermodilution technique and evaluation of reproducibility 455
IKÄHEIMO M J *see* Airaksinen K E J *et al*
IKRAM H *see* Crozier I G *et al*
ISAAZ K *see* Brembilla-Perrot B *et al*
ISHKITA T *see* Matsuura H *et al*
ISMAIL M B (& Hannachi N, Abid F, Kaabar Z, Rougé J F) Prosthetic valve endocarditis: *a survey* 72
ITO R *see* Matsuura H *et al*
IVERSEN S *see* Erbel R *et al*

JACKSON G *see* Bucknall C A *et al*
JEROUDI M O (& Halim M A, Harder E J, Al-Siba'i M B, Ziady G, Mercer E N) Brucella endocarditis 279
JEWITT D E *see* Bucknall C A *et al*
JOHNSTON A E *see* Robertson M *et al*
JOHNSTON J A *see* Boon N A *et al*
JONES P E *see* Schofield P M *et al*
JØNSSON V *see* Svendsen J H *et al*
JOY M (& Cairns A W, Sprigings D) Observations on the warm up phenomenon in angina pectoris 116
JUREIDINI S B (& Nouri S, Pennington D G) Anomalous origin of the left coronary artery from the pulmonary trunk: repair after diagnostic cross sectional echocardiography: case report 173

KAABAR Z *see* Ismail M B *et al*
KAHALY S MOHR- *see* Mohr-Kahaly S
KALBFLEISCH J *see* Daley P J *et al*
KAN M-N (& Nanda N C, Stopa A R) Diagnosis of double aortic arch by cross sectional echocardiography with Doppler colour flow mapping: case report 284
KARL T (& Wensley D, Stark J, de Leval M, Rees P, Taylor J F N) Infective endocarditis in children with congenital heart disease: comparison of selected features in patients with surgical correction or palliation and those without 57
KASAB S AL *see* Al Kasab S
KASSIS E (& Amtorp O, Waldorff S, Fritz-Hansen P) Efficacy of felodipine in chronic congestive heart failure: a placebo controlled haemodynamic study at rest and during exercise and orthostatic stress 505
KATO K *see* Nomura M *et al*
KELBÆK H (& Nielsen B M, Eriksen J, Rabøl A, Christensen N J, Lund J O, Bonnevie O, Munck O, Godtfredsen J) Left ventricular performance in alcoholic patients without chronic liver disease 352
KERR F *see* Godden D J *et al*
KIENY J R *see* Touboul P *et al*
KIRK S J (& O'Kane H O, Morton P) Coronary artery surgery and myxoedema: case report 674
KIRKORIAN G *see* Touboul P *et al*
KLIPSTEIN R H (& Firmin D N, Underwood S R, Rees R S O, Longmore D B) Blood flow patterns in the human aorta studied by magnetic resonance 316
—*see also* Rees R S O *et al*
KNIGHT W B *see* Carvalho J S *et al*
KOSKINEN M *see* Pietilä K *et al*
KRIKLER D M *see* Lipkin D P *et al*
KRIKLER D M *see* Perelman M S & Krikler D M
Perelman M S *et al*
ROBINSON K & KRIKLER D M
KUEMMELL H C *see* Van Leeuwen P & Kuemmell H C
KUPARI M (& Verkkala K, Maamies T, Härtel G) Value of combined cross sectional and Doppler echocardiography in the detection of left ventricular pseudoaneurysm after mitral valve replacement 52

LA CHAISE A TERRIER DE *see* Terrier de la Chaise A
LABLANCHE J M *see* Bertrand M E *et al*
LAKHOTIA M *see* Baid C S *et al*
LANCÉE C T *see* Taams M A *et al*
LAUWERYNS J *see* Moerman P *et al*
LAVAUD P *see* Touboul P *et al*
LEATHAM A *see* Guiney T E *et al*
LEECH G J *see* Guiney T E *et al*
LEEUWEN P VAN *see* Van Leeuwen P
LEMERY R (& Hammill S C, Wood D L, Danielson G K, Mankin H T, Osborn M J, Gersh B J, Holmes D R) Value of the resting 12 lead electrocardiogram and vectorcardiogram for locating the accessory pathway in patients with the Wolff-Parkinson-White syndrome 324
LEPORT C (& Vilde J L, Bricaire F, Cohen A, Pangon B, Gaudebout C, Valere P E) Fifty cases of late prosthetic valve endocarditis: improvement in prognosis over a 15 year period 66
LEVAL M DE *see* de Leval M
LEWIS S *see* Bucknall C A *et al*
LEWIS T *see* Weir I *et al*
LIND K *see* Littrup P *et al*
LINKER N J *see* Shaw D B *et al*
LINNALUOTO M K *see* Airaksinen K E J *et al*
LIPKIN D P The role of exercise testing in chronic heart failure: editorial 559
—(& Buller N, Frenneaux M, Ludgate L, Lowe T, Webb S C, Krikler D M) Randomised crossover trial of rate responsive Activitrax and conventional fixed rate ventricular pacing 613
LITTLER W A *see* Tan L B *et al*
LITTRUP P (& Madsen J K, Lind K) Aortic valve endocarditis associated with *Legionella* infection after *Mycoplasma* pneumonia: case report 293
LONGMORE D B *see* Klipstein R H *et al*
Rees R S O *et al*
LOWE T *see* Lipkin D P *et al*
LUDGATE L *see* Lipkin D P *et al*
LUND J O *see* Kelbæk H *et al*
LUNDQVIST C BLOMSTRÖM- *see* Blomström-Lundqvist C

MAAMIES T *see* Kupari M *et al*
MACCULLOCH M S *see* Godden D J *et al*

MACGREGOR G A *see* Singer D R J *et al*
MACHADO M V L (& Chita S C, Allan L D) Acceleration time in the aorta and pulmonary artery measured by Doppler echocardiography in the midtrimester normal human fetus 15
MCKENNA W J *see* Perelman M S *et al*
MACKINTOSH A F *see* Bishop N *et al*
MCLARAN C J (& Gersh B J, Sugrue D D, Hammill S C, Zinsmeister A R, Wood D L, Holmes D R, Osborn M J) Out-of-hospital cardiac arrest in patients without clinically significant coronary artery disease: comparison of clinical, electrophysiological, and survival characteristics with those in similar patients who have clinically significant coronary artery disease 583
MACLEOD D (& Fananapazir L, De Bono D, Bloomfield P) Ventricular septal defect after myocardial infarction: assessment by cross sectional echocardiography with pulsed wave Doppler scanning 214
MADSEN J K *see* Littrup P *et al*
MANKES S *see* Zema M J *et al*
MANKIN H T *see* Lemery R *et al*
MARÇON F *see* Brembilla-Perrot B *et al*
MARIO C DI *see* Di Mario C
MARQUIS R M Congenital heart disease: the ductus arteriosus as pathfinder: Jubilee editorial 429
MARTIN R P (& Qureshi S A, Radley-Smith R) Acquired supravalvar membranous stenosis of the left atrioventricular valve: case report 176
MARX P How useful are the cold pressor test and sustained isometric handgrip exercise with radionuclide ventriculography in the evaluation of patients with coronary artery disease?: correspondence 678
MATHIEU M P *see* Touboul P *et al*
MATSUO N *see* Matsuura H *et al*
MATSUURA H (& Ishikita T, Yamamoto S, Umezawa T, Ito R, Hashiguchi R, Saji T, Matsuo N, Takano M) Gallium-67 myocardial imaging for the detection of myocarditis in the acute phase of Kawasaki disease (mucocutaneous lymph node syndrome): the usefulness of single photon emission computed tomography 385
MATTS J *see* Bissett J K *et al*
MENAHEM S Viral myocarditis and dilated cardiomyopathy in early childhood: correspondence 420
—(& Venables A W) Anomalous left coronary artery from the pulmonary artery: a 15 year sample 378
MERCER E N *see* Jeroudi M O *et al*
MEYER J *see* Erbel R *et al*
MICHAELI J *see* Bassan M M *et al*
MILLER H C *see* Dewhurst N G *et al*
MILLS P *see* Weir I *et al*
MIRO C *see* Mortera C *et al*
MISRA M (& Thakur R, Bhandari K) Development of subaortic stenosis and regurgitation several years after successful operation on a common atrium: case report 531
MIYAGI Y *see* Nomura M *et al*
MIZUNO Y *see* Nomura M *et al*
MOCKUS L *see* Crake T *et al*
MOERMAN P (& Dumoulin M, Lauweryns J, van der Hauwaert L G) Interrupted right aortic arch in DiGeorge syndrome 274
MOES C A F *see* Robertson M *et al*
MOHR-KAHALY S *see* Eebel R *et al*
MORTERA C (& Rissech M, Payola M, Miro C, Perich R) Cross sectional subcostal echocardiography: atrioventricular septal defects and the short axis cut 267
MORTON P *see* Kirk S J *et al*
MUIR A L Cardiac imaging 50 years on: Jubilee editorial 1
—(& Nicoll J) Long term improvement in global left ventricular function after early thrombolytic treatment in acute myocardial infarction: correspondence 85
MULCAHY D *see* Heath D *et al*
MULCAHY R *see* Daly L E *et al*
MUNCK O *see* Kelbæk H *et al*
MURRAY R G *see* Tan L B *et al*
MUSEWE N *see* Robertson M *et al*

NAGASAKA A *see* Nomura M *et al*
NAKAI A *see* Nomura M *et al*
NAKANO H *see* Nomura M *et al*
NANDA N C *see* Kan M-N *et al*
NELSON D J *see* Timmis A D *et al*
NEUTZE J M *see* Greaves S C *et al*
NICHOLLS M G *see* Crozier I G *et al*
NICOLL J *see* Muir A L & Nicoll J
NIEBUHR U *see* Svendsen J H *et al*
NIELSEN B M *see* Kelbæk H *et al*
NIELSEN K *see* Vesterby A *et al*
NIEMELÄ M *see* Airaksinen K E J *et al*
NIKITOPOULOS C *see* Zema M J *et al*
NITTER-HAUGE S *see* Ihlen H *et al*
NOMURA M (& Kato K, Nagasaka A, Shiga Y, Miyagi Y, Fukui R, Nakano H, Abo Y, Okajima S, Nakai A, Ohyama T, Hishida H, Watanabe Y, Mizuno Y) Serum beta-enolase in acute myocardial infarction 29
NORTHCOTE R J How useful are the cold pressor test and sustained isometric handgrip exercise with radionuclide ventriculography in the evaluation of patients with coronary artery disease?: correspondence reply 578
NOURI S *see* Jureidini S B *et al*
NOZHA M AL *see* Al-Nozha M

OAKLEY C Valve prostheses and pregnancy: editorial 303
OAKLEY C M *see* Diaz R A *et al*
Yousif H *et al*
OBASOHAN A *see* Diaz R A *et al*
OBERHAENSLI I *see* Dusmet M *et al*
OELERT H *see* Erbel R *et al*
OHMAE M *see* Hoshino T *et al*
OHYAMA T *see* Nomura M *et al*
OKAJIMA S *see* Nomura M *et al*
O'KANE H O *see* Kirk S J *et al*
OLIVER M F Dietary fat and coronary heart disease: Jubilee editorial 423
OLSSON S B *see* Blomström-Lundqvist C *et al*
ORAINEY I AL *see* Al-Orainey I
OSBORN M J *see* Lemery R *et al*
McLaran C J *et al*

PANGON B *see* Leport C *et al*
PARKER D J *see* Brown A P *et al*
Guiney T E *et al*
PASSANI S *see* Fraser A G *et al*
PAUL O Da Costa's syndrome or neurocirculatory asthenia: review 306
PAULSEN S *see* Vesterby A *et al*
PAYOLA M *see* Mortera C *et al*
PEART I *see* Wren C *et al*
PENNINGTON D G *see* Jureidini S B *et al*
PERELMAN M S (& Krikler D M) Termination of focal atrial tachycardia by adenosine triphosphate: case report 528
—(& McKenna W J, Rowland E, Krikler D M) A comparison of bepridil with amiodarone in the treatment of established atrial fibrillation 339
PERICH R *see* Mortera C *et al*
PERLMUTTER S *see* Zema M J *et al*
PERNOT C *see* Brembilla-Perrot B *et al*
PERROT B BREMBILLA *see* Brembilla-Perrot B
PETCH M C *see* Hall D R & Petch M C
PFEIFFER C *see* Erbel R *et al*
PIETILÄ K (& Harmoinen A, Pöyhönen L, Koskinen M, Heikkilä J, Ruosteenoja R) Intravenous streptokinase treatment and serum C-reactive protein in patients with acute myocardial infarction 225

PITT A *see* Weissberg P L *et al*
POOLE-WILSON P A *see* Crake T *et al*
POTIER J C *see* Commeau P *et al*
PÖYHÖNEN L *see* Pietilä K *et al*
PRENDIVILLE O F *see* Yousif H *et al*
PRESBITERO P *see* Sullivan I D *et al*
PROGRAM ON SURGICAL CONTROL FOR HYPERLIPIDEMIA—STUDY GROUP (POSCH) *see* Bissett J K *et al*

QURESHI S A *see* Martin R P *et al*
QUYYUMI A A *see* Crake T *et al*

RABØL A *see* Kelbæk H *et al*
RADLEY-SMITH R *see* Martin R P *et al*
RAJ S M *see* Simpson E *et al*
RAJAPAKSE C N A (& Halim K, Al-Orainey I, Al-Nozha M, Al-Aska A K) A genetic marker for rheumatic heart disease 659
RAO P S Atrioventricular canal mimicking tricuspid atresia: echocardiographic and angiographic features: case report 409
REES M R *see* Bishop N *et al*
REES P *see* Karl T *et al*
REES R S O (& Somerville J, Underwood S R, Wright J, Firmin D N, Klipstein R H, Longmore D B) Magnetic resonance imaging of the pulmonary arteries and their systemic connections in pulmonary atresia: comparison with angiographic and surgical findings 621
—*see also* Klipstein R H *et al*
RIBEIRO P *see* Al Kasab S *et al*
RICKARDS A *see* Urban P *et al*
RICKARDS A F *see* Crake T *et al*
RIFKIN I R *see* Sacks L V & Rifkin I R
RISSECH M *see* Mortera C *et al*
ROBERTSON C *see* Simpson E *et al*
ROBERTSON I *see* Cleland J G F *et al*
ROBERTSON J I S *see* Cleland J G F *et al*
ROBERTSON M (& Benson L N, Smallhorn J S, Musewe N, Freedom R M, Moes C A F, Burrows P, Johnston A E, Burrows F A, Rowe R D) The morphology of the right ventricular outflow tract after percutaneous pulmonary valvotomy: long term follow up 239
ROBINSON K (& Krikler D M) Uncertainties about interpretation of ventricular stimulation studies in patients with Wolff-Parkinson-White syndrome: editorial 87
ROCHE A H G *see* Greaves S C *et al*
RODGER J C *see* Simpson E *et al*
ROSENFELD T *see* Antonelli D & Rosenfeld T
ROSSI M B (& Burn J, Ho S Y, Thiene G, Devine W A, Anderson R H) Conjoined twins, right atrial isomerism, and sequential segmental analysis 518
ROUDAUT R (& Gosse P, Dallocchio M) Rapid growth of a left atrial myxoma shown by echocardiography: case report 413
ROUGÉ J F *see* Ismail M B *et al*
ROUSTEENOJA R *see* Pietilä K *et al*
ROWE R D *see* Robertson M *et al*
ROWLAND E *see* Perelman M S *et al*

SABEL K-G *see* Blomström-Lundqvist C *et al*
SACKS L V (& Rifkin I R) Mirror image arrangement of the abdominal organs with a left-sided morphologically normal heart: case report 534
SAGAR K B *see* Daley P J *et al*
SAGNELLA G A *see* Singer D R J *et al*
SAJI T *see* Matsuura H *et al*
SAKAI A *see* Hoshino T *et al*
SANDHU P S *see* Godden D J *et al*
SAPSFORD R N *see* Yousif H *et al*
SAVIOLO R (& Fiasconaro G) Treatment of glossopharyngeal neuralgia by carbamazepine: case report 291
SCHOFIELD P M (& Brooks N H, Colgan S, Bennett D H, Whorwell P J, Bray C L, Ward C, Jones P E) Left ventricular function and oesophageal function in patients with angina pectoris and normal coronary angiograms 218
SERRUYS P W *see* Di Mario C *et al*
SHALEV O *see* Bassan M M *et al*
SHAPIRO L *see* Urban P *et al*
SHAPIRO L M *see* Crake T *et al*
SHARMA B *see* Bissett J K *et al*
SHAW D B (& Linker N J, Heaver P A, Evans R) Chronic sinoatrial disorder (sick sinus syndrome): a possible result of cardiac ischaemia 598
SHAWKAT S *see* Harris A M *et al*
SHIGA Y *see* Nomura M *et al*
SHINE K I Cardiology: a transatlantic view (1): Jubilee editorial 552
SIBA'I M B AL- *see* Al-Siba'i M B
SIMPSON E (& Rodger J C, Raj S M, Wong C, Wilkie L, Robertson C) Pre-treatment with beta blockers and the frequency of hypokalaemia in patients with acute chest pain 499
SINGER D R J (& Dean J W, Buckley M G, Sagnella G A, MacGregor G A) Secretion of atrial natriuretic peptide from the heart in man 24
SINGH R N (& Beg R A, Sosa J A) Transluminal angioplasty of a stenosis of an internal mammary artery graft: correspondence 85
SMALLHORN J S *see* Robertson M *et al*
SMITH P *see* Heath D *et al*
SMITH R RADLEY- *see* Radley-Smith R
SOMERVILLE J *see* Rees R S O *et al*
SOMERVILLE J *see* Warnes C A & Somerville J
SOSA J A *see* Singh R N *et al*
SOWTON E *see* Timmis A D *et al*
SPRIGINGS D *see* Joy M *et al*
SPURRELL R A J *see* Caplin J L *et al*
STARK J *see* Karl T *et al*
STEIN J I *see* Zobel G *et al*
STELLER D *see* Erbel R *et al*
STOPA A R *see* Kan M-N *et al*
SUGRUE D D *see* McLaran C J *et al*
SULLIVAN I *see* Wren C *et al*
SULLIVAN I D (& Presbitero P, Gooch V M, Aruta E, Deanfield J E) Is ventricular arrhythmia in repaired tetralogy of Fallot an effect of operation or a consequence of the course of the disease? *A prospective study* 40
SUNAGAWA H *see* Fukazawa M *et al*
SVENDSEN J H (& Jønsson V, Niebuhr U) Combined pericarditis and pneumonia caused by *Legionella* infection 663
SWAN H J C Cardiology: a transatlantic view (2): Jubilee editorial 556

TAAMS M A (& Gussenhoven E J, Lancée C T) Left atrial vascularised thrombus diagnosed by transoesophageal cross sectional echocardiography: case report 669
TAKANO M *see* Matsuura H *et al*
TAKKUNEN J T *see* Airaksinen K E J *et al*
TAN L B (& Murray R G, Littler W A) Felodipine in patients with chronic heart failure: discrepant haemodynamic and clinical effects 122
TAYLOR J F N *see* Karl T *et al*
TERRIER DE LA CHAISE A *see* Brembilla-Perrot B *et al*
THAKUR R *see* Misra M *et al*
THELEN M *see* Erbel R *et al*
THIENE G *see* Rossi M B *et al*
TIMMIS A D (& Griffin B, Crick J C P, Nelson D J, Sowton E) The effects of early coronary patency on the evolution of myocardial infarction: a prospective arteriographic study 345
TOUBOUL P (& Atallah G, Kirkorian G, Lavaud P, Kieny J R, Mathieu M P, Dellinger A) Electrophysiological action of bepridil on atrioventricular accessory pathways 333
TRAISNEL G *see* Bertrand M E *et al*
TROP M *see* Zobel G *et al*

UEDA K *see* Fukazawa M *et al*
UEDA M (& Becker A E, Fujimoto T) Pathological changes induced

by repeated percutaneous transluminal coronary angioplasty 635
UMEZAWA T *see* Matsuura H *et al*
UNDERWOOD S R *see* Klipstein R H *et al*
Rees R S O *et al*
URBAN P (& Fox K, Crean P, Shapiro L, Rickards A) Coronary balloon angioplasty for elderly patients with severe angina 465

VALERE P E *see* Leport C *et al*
VAN DEN BRAND M *see* Di Mario C *et al*
VAN DER HAUWAERT L G *see* Ichida F *et al*
Moerman P *et al*
VAN LEEUWEN P (& Kuemmell H C) Respiratory modulation of cardiac time intervals 129
VARMA A R *see* Baid C S *et al*
VEALE A M O *see* Greaves S C *et al*
VENABLES A W *see* Menahem S & Venables A W
VERKKALA K *see* Kupari M *et al*
VESTERBY A (& Nielsen K, Borg L, Paulsen S, Baandrup U) Congenital heart malformations in Jutland, Denmark: a three year necropsy study in children aged 0–14 years: epidemiology and classification according to sequential segmental analysis 653
VILDE J L *see* Leport C *et al*
VINCENT R *see* Bucknall C A *et al*

WALDORFF S *see* Kassis E *et al*
WALKER D R *see* Hamilton J R L *et al*
WANN L S *see* Daley P J *et al*
WARD C *see* Schofield P M *et al*
WARD D E Can the technicalities of electrophysiological testing for ventricular tachycardia be simplified?: editorial 437
WARNES C A (& Somerville J) Transposition of the great arteries: late results in adolescents and adults after the Mustard procedure 148
WATANABE Y *see* Nomura M *et al*
WEBB S C *see* Lipkin D P *et al*
WEIR I (& Mills P, Lewis T) A case of left atrial haemangioma: echocardiographic, surgical, and morphological features: case report 665
WEISSBERG P L (& Broughton A, Harper R W, Young A, Pitt A) Induction of ventricular arrhythmias by programmed ventricular stimulation: a prospective study on the effects of stimulation current on arrhythmia induction 489
WENSLEY D *see* Karl T *et al*
WESTABY S *see* Yousif H *et al*
WHITLOCK R M L *see* Greaves S C *et al*
WHORWELL P J *see* Schofield P M *et al*
WILKIE L *see* Simpson E *et al*
WILSON C M *see* Dalzell G W N *et al*
WILSON N *see* Hamilton J R L *et al*
WILSON P A POOLE *see* Poole-Wilson P A
WONG C *see* Simpson E *et al*
WOOD D L *see* Lemery R *et al*
McLaran C J *et al*
WREN C (& Peart I, Bain H, Hunter S) Balloon dilatation of unoperated aortic coarctation: immediate results and one year follow up 369
—(& Sullivan I, Bull C, Deanfield J) Percutaneous balloon dilatation of aortic valve stenosis in neonates and infants 608
WRIGHT C *see* Crake T *et al*
WRIGHT J *see* Rees R S O *et al*

YACOUB M *see* Heath D *et al*
YAMAMOTO S *see* Matsuura H *et al*
YANDLE T G *see* Crozier I G *et al*
YASUI H *see* Fukazawa M *et al*
YONESAKA S (& Becker A E) Dilated cardiomyopathy: diagnostic accuracy of endomyocardial biopsy 156
YOUNG A *see* Weissberg P L *et al*
YOUSIF H (& Davies G, Westaby S, Prendiville O F, Sapsford R N, Oakley C M) Preoperative myocardial ischaemia: its relation to perioperative infarction 9

ZAIBAG M AL *see* Al Zaibag M
ZEMA M J (& Perlmutter S, Mankes S, Nikitopoulos C) Diltiazem treatment for the management of ischaemia in patients with poor left ventricular function: safety of long term administration 512
ZIADY G *see* Jeroudi M O *et al*
ZINSMEISTER A R *see* McLaran C J *et al*
ZOBEL G (& Beitzke A, Stein J I, Trop M) Continuous arteriovenous haemofiltration in children with postoperative cardiac failure 473

SUBJECT INDEX
1987, Volume 58

Abdominal organs, with left sided morphologically normal heart, mirror image arrangement: case report (Sacks & Rifkin). 534
Acceleration time in aorta and pulmonary artery measured by Doppler echocardiography, midtrimester normal human fetus (Machado *et al*). 15
Accessory pathway in Wolff-Parkinson-White syndrome, locating, value of 12 lead electrocardiogram and vectorcardiogram (Lemery *et al*). 324
Activitrax, rate responsive, and conventional fixed rate ventricular pacing, randomised crossover trial (Lipkin *et al*). 613
Adenosine triphosphate, termination of focal atrial tachycardia: case report (Perelman & Krikler). 528
Alcoholics without chronic liver disease, left ventricular performance (Kelbæk *et al*). 352
Ambulatory blood pressure during long term pacing, comparison of symptoms (Boon *et al*). 34
Amiodarone and bepridil compared, in treatment of established atrial fibrillation (Perelman *et al*). 339
Amoebiasis causing subacute effusive constrictive pericarditis: case report (Baid *et al*). 296
Angina pectoris
  medical treatment: Jubilee editorial (Chamberlain). 547
    with nifedipine: double blind comparison of nifedipine and slow-release nifedipine alone and in combination with atenolol (Crake *et al*). 617
  severe, transluminal coronary balloon angioplasty, for elderly with (Urban *et al*). 465
  unstable, sudden death predictors up to 18 years after a first attack (Daly *et al*). 567
  and normal coronary angiograms, left ventricular function, and oesophageal function (Schofield *et al*). 218
  observations on warm up phenomenon (Joy *et al*). 116
Aortic
  coarctation, unoperated, balloon dilatation, immediate results, and one year follow up (Wren *et al*). 369
  dissection, chronic proximal, presenting as tamponade after 16 years: case report (Fraser *et al*). 166
    detection by transoesophageal echocardiography (Erbel *et al*). 45
    spontaneous resolution after beta-blocker and calcium antagonist: case report (Hoshino *et al*). 82
  regurgitation, isolated severe, aetiology and course, electrocardiographic study (Guiney *et al*). 358
  root, and pulmonary trunk, cross sectional echocardiographic assessment, infants and children (Ichida *et al*). 627
  stenosis, calcific, in elderly, percutaneous aortic balloon dilatation for (Di Mario *et al*). 644
  valve, endocarditis, associated with *Legionella* infection after *Mycoplasma* pneumonia: case report (Littrup *et al*). 293
    stenosis, percutaneous balloon dilatation, neonates and infants (Wren *et al*). 608
Arrhythmias
  detection, patient-activated ambulatory electrocardiogram device with solid-state memory loop (Brown *et al*). 251
  induction by programmed ventricular stimulation (Weissberg *et al*). 489
  see also Ventricular arrhythmias
Arrhythmogenic right ventricular dysplasia, long term follow up, 15 patients (Blomström-Lundqvist *et al*). 477
Arterial blood pressure, central role in congestive cardiac failure: St Cyres lecture 1986 (Harris). 190
Atenolol in angina pectoris treatment with nifedipine (Crake *et al*). 617
Atrial
  fibrillation, established, bepridil and amiodarone compared in treatment (Perelman *et al*). 339
  natriuretic peptide, secretion from heart, man (Singer *et al*). 24
    in spontaneous tachycardias (Crozier *et al*). 96
  septal defect, sinus venosus, repair, use of endotracheal tube for cannulation of left superior vena cava via coronary sinus: case report (Harris *et al*). 676
  tachycardia, focal, termination by adenosine triphosphate: case report (Perelman & Krikler). 528
Atrioventricular
  accessory pathways, electrophysiological action of bepridil (Touboul *et al*). 333
  canal mimicking tricuspid atresia, echocardiographic and angiographic features: case report (Rao). 409
  septal defects and short axis cut, cross sectional subcostal echocardiography (Mortera *et al*). 267
  valve, left, acquired supravalvar membranous stenosis: case report (Martin *et al*). 176

Balloon dilatation
  operative, for pulmonary atresia with intact ventricular septum (Hamilton *et al*). 374
  of unoperated aortic coarctation, immediate results, and one year follow up (Wren *et al*). 369
Bepridil
  and amiodarone compared, in treatment of established atrial fibrillation (Perelman *et al*). 339
  electrophysiological action, on atrioventricular accessory pathways (Touboul *et al*). 333
Beta blockers, pre-treatment, and hypokalaemia frequency with acute chest pain (Simpson *et al*). 499
Beta-enolase, serum, in myocardial infarction (Nomura *et al*). 29
Biliary colic inducing variant angina: case report (Antonelli & Rosenfeld). 417
Blalock shunts, modified, infection: case report (Carvalho *et al*). 287
Block, correcting, successful experience of small British pacing centre (Godden *et al*). 495
Blood
  flow patterns in human aorta, studied by magnetic resonance (Klipstein *et al*). 316
  pressure, arterial, central role in congestive cardiac failure: St Cyres lecture 1986 (Harris). 190
Brucella endocarditis, four successfully treated cases (Jeroudi *et al*). 279

C-reactive protein, serum, and intravenous streptokinase in myocardial infarction (Pietilä *et al*). 225
Calcific aortic stenosis in elderly, percutaneous aortic balloon dilatation for (Di Mario *et al*). 644
Carbamazepine, treatment of glossopharyngeal neuralgia: case report (Saviolo & Fiasconaro). 291
Cardiac
  arrest, out-of-hospital, in patients without clinically significant coronary artery disease (McLaran *et al*). 583
  failure, congestive central role of arterial blood pressure: St Cyres lecture 1986 (Harris). 190
    postoperative, continuous arteriovenous haemofiltration, children (Zobel *et al*). 473
  stroke volume during exercise measured by Doppler echocardiography, comparison with thermodilution technique and evaluation of reproducibility (Ihlen *et al*). 455
Cardiology
  in district hospital (British Cardiac Society Working Group). 537
  transatlantic view (1): Jubilee editorial (Shine). 552: (2) (Swan). 556
Cardiovascular syphilis, "late" manifestations, occurring in young

man: case report (Brown *et al*). 405
Catheterisation, ventricular septal defect size derived from (Fukazawa *et al*). 19
Chronic heart failure
congestive, efficacy of felodipine (Kassis *et al*). 505
and felodipine, discrepant haemodynamic and clinical effects (Tan *et al*). 122
mortality, clinical variables of prognostic value (Cleland *et al*). 572
role of exercise testing: editorial (Lipkin). 559
see also Heart failure
Chronic sinoatrial disorder (sick sinus syndrome), possible result of cardiac ischaemia (Shaw *et al*). 598
Cold pressor test and sustained isometric handgrip exercise, usefulness with radionuclide ventriculography in evaluation of coronary artery disease: correspondence (Marx). 678
Common atrium, development of subaortic stenosis and regurgitation, several years after successful operation on: case report (Misra *et al*). 531
Congenital heart
disease, ductus arteriosus as pathfinder: Jubilee editorial (Marquis). 429
and infective endocarditis, comparison of selected features (Karl *et al*). 57
malformations, Jutland, Denmark, three year necropsy study, children aged 0–14 years, epidemiology and classification according to sequential segmental analysis (Vesterby *et al*). 653
Conjoined twins, right atrial isomerism, and sequential segmental analysis (Rossi *et al*). 518
Continuous arteriovenous haemofiltration, in children with postoperative cardiac failure (Zobel *et al*). 473
Coronary
angioplasty, and percutaneous balloon dilatation, of aortic valve, combined: case report (Bishop *et al*). 672
artery disease, cold pressor test and sustained isometric handgrip exercise usefulness with radionuclide ventriculography in evaluation of: correspondence (Marx). 678
and dietary fat: Jubilee editorial (Oliver). 423
impaired vagal heart rate control (Airaksinen *et al*). 592
surgery, and myxoedema: case report (Kirk *et al*). 674
sinus pH during percutaneous transluminal coronary angioplasty, early development of acidosis during myocardial ischaemia, man (Crake *et al*). 110
Correspondence
How useful are the cold pressor test and sustained isometric handgrip exercise with radionuclide ventriculography in the evaluation of patients with coronary artery disease? (Marx). 678
Long term improvement in global left ventricular function after early thrombolytic treatment in acute myocardial infarction (Muir & Nicoll). 85
Reversibility of primary pulmonary hypertension during six years of treatment with oral diazoxide (Hall & Patch). 420
Transluminal angioplasty of a stenosis of an internal mammary artery graft (Singh *et al*). 85
Viral myocarditis and dilated cardiomyopathy in early childhood (Menahem). 420
Cross sectional echocardiograph
assessment of great artery diameters, infants and children (Ichida *et al*). 627
in diagnosis of anomalous origin of left coronary artery from pulmonary trunk: case report (Jureidini *et al*). 173
with Doppler colour flow mapping, in diagnosis of double aortic arch: case report (Kan *et al*). 284
with pulsed wave Doppler scanning in assessment of ventricular septal defect after myocardial infarction (MacLeod *et al*). 214
transoesophageal, diagnosing left atrial vascularised thrombus: case report (Taams *et al*). 669
and M mode echocardiography of inheritance of hypertrophic cardiomyopathy, 50 families (Greaves *et al*). 259
subcostal atrioventricular septal defects and short axis cut (Mortera *et al*). 267
Da Costa's syndrome, or neurocirculatory asthenia: review (Paul). 306
Defibrillation, ventricular, Belfast experience: review (Dalzell *et al*). 441
Denmark, congenital heart malformations, three year necropsy study, children aged 0–14 years, epidemiology and classification according to sequential segmental analysis (Vesterby *et al*). 653
Diazoxide, oral, reversibility of primary pulmonary hypertension, during six years treatment: correspondence (Hall & Petch). 420
Dietary fat and coronary heart disease: Jubilee editorial (Oliver). 423
DiGeorge syndrome, interrupted right aortic arch (Moerman *et al*). 274
Dilated (congestive) cardiomyopathy
diagnostic accuracy of endomyocardial biopsy (Yonesaka & Becker). 156
prediction of outcome (Diaz *et al*). 393
and viral myocarditis, early childhood: correspondence (Menahem). 420
Diltiazem in management of ischaemia in poor left ventricular function (Zema *et al*). 512
District hospital, cardiology (British Cardiac Society Working Group). 537
Doppler
colour flow mapping, with cross sectional echocardiography, in diagnosis of double aortic arch: case report (Kan *et al*). 284
echocardiography, acceleration time, aorta and pulmonary artery, midtrimester normal human fetus (Machado *et al*). 15
and cross sectional echocardiography combined, value in detection of left ventricular pseudoaneurysm after mitral valve replacement (Kupari *et al*). 52
left ventricular performance, detection of exercise induced changes (Daley *et al*). 447
measurement of cardiac stroke volume during exercise, comparison with thermodilution technique and evaluation of reproducibility (Ihlen *et al*). 455
Double
aortic arch, diagnosis by cross sectional echocardiography with Doppler colour flow mapping: case report (Kan *et al*). 284
balloon technique, for percutaneous balloon pulmonary valvotomy, adults (Al Kasab *et al*). 136
Ductus arteriosus as pathfinder, congenital heart disease: Jubilee editorial (Marquis). 429

Ebstein's anomaly of tricuspid and mitral valves in otherwise normal heart: case report (Dusmet *et al*). 400
Echocardiography
Doppler and cross sectional combined, value in detection of left ventricular pseudoaneurysm after mitral valve replacement (Kupari *et al*). 52
see also Doppler: Transoesophageal echocardiography
Editorials
Acute myocarditis: a diagnostic dilemma (Billingham). 6
Assessing the success of percutaneous transluminal coronary angioplasty (Bourdillon). 185
Can the technicalities of electrophysiological testing for ventricular tachycardia be simplified? (Ward). 437
The role of exercise testing in chronic heart failure (Lipkin). 559
Uncertainties about interpretation of ventricular stimulation studies in patients with Wolff-Parkinson-White syndrome (Robinson & Krikler). 87
Valve prostheses and pregnancy (Oakley). 303
Electrocardiogram, ambulatory, patient-activated with solid state memory loop in detection of arrhythmias (Brown *et al*). 251
Electrolyte composition, total body, in heart failure, comparison with normal and untreated hypertension (Cleland *et al*). 230
Endocarditis
aortic valve, associated with *Legionella* infection after *Mycoplasma* pneumonia: case report (Littrup *et al*). 293
brucella, four successfully treated cases (Jeroudi *et al*). 279
late prosthetic valve, fifty cases, improvement in prognosis over 15

year period (Leport *et al*). 66
prosthetic valve, a survey (Ismail *et al*). 72
Endotracheal tube, used for cannulation of left superior vena cava via coronary sinus for repair of sinus venosus atrial septal defect: case report (Harris *et al*). 676
Exercise testing, role in chronic heart failure: editorial (Lipkin). 559

Fat, dietary, and coronary heart disease: Jubilee editorial (Oliver). 423
Felodipine
in chronic heart failure, discrepant haemodynamic and clinical effects (Tan *et al*). 122
efficacy (Kassis *et al*). 505

Genetic marker for rheumatic heart disease (Rajapakse *et al*). 659
Glossopharyngeal neuralgia, treatment by carbamazepine: case report (Saviolo & Fiasconaro). 291
Great artery diameters, cross sectional echocardiographic assessment, infants and children (Ichida *et al*). 627

Haemangioma, left atrial, echocardiographic, surgical, and morphological features: case report (Weir *et al*). 665
Heart failure
mortality, clinical variables of prognostic value (Cleland *et al*). 572
postoperative, continuous arteriovenous haemofiltation, children (Zobel *et al*). 473
total body electrolyte composition, a comparison with normal and untreated hypertension (Cleland *et al*). 230
Hepatic fibrosis, congenital, severe pulmonary hypertension and multiple left coronary arterial fistulas in association with: case report (Dewhurst *et al*). 525
HLA-DR4, in rheumatic heart disease (Rajapakse *et al*). 659
Hypertension: Jubilee editorial (Dollery). 179
Hypertrophic cardiomyopathy
Jubilee editorial (Brigden). 299
inheritance, cross sectional and M mode echocardiographic study, 50 families (Greaves *et al*). 259
Hypokalaemia frequency with acute chest pain, pretreatment with beta blockers (Simpson *et al*). 499

Imaging cardiac, 50 years on: Jubilee editorial (Muir). 1
Infective endocarditis, in children with congenital heart disease, comparison of selected features (Karl *et al*). 57
Internal mammary artery graft, percutaneous transluminal coronary angioplasty of stenosis: correspondence (Singh *et al*). 85
Interrupted right aortic arch in DiGeorge syndrome (Moerman *et al*). 274
Ischaemia
cardiac, possible result of sick sinus syndrome (Shaw *et al*). 598
diltiazem management, poor left ventricular function (Zema *et al*). 512
Isometric handgrip exercise, sustained, and cold pressor test, usefulness with radionuclide ventriculography in evaluation of coronary artery disease: correspondence (Marx). 678

Jubilee Editorial
Cardiac imaging 50 years on (Muir). 1
Cardiology: a transatlantic view (1) (Shine). 552: (2) (Swan). 556
Congenital heart disease: the ductus arteriosus as pathfinder (Marquis). 429
Dietary fat and coronary heart disease (Oliver). 423
Hypertension (Dollery), 179
Hypertrophic cardiomyopathy (Brigden). 299
The medical treatment of angina pectoris (Chamberlain). 547

Kawasaki disease, myocarditis detection by Gallium-67 myocardial imaging (Matsuura *et al*). 385

Left
atrial haemangioma, echocardiographic, surgical, and morphological features: case report (Weir *et al*). 665
metastasis presenting as recurrent embolic strokes: case report (Chalmers & Campbell). 170
myxoma, rapid growth, shown by echocardiography: case report (Roudaut *et al*). 413
vascularised thrombus, diagnosed by transoesophageal cross sectional echocardiography: case report (Taams *et al*). 669
atrioventricular valve, acquired supravalvar membranous stenosis: case report (Martin *et al*). 176
coronary arterial fistulas, multiple, and severe pulmonary hypertension, in association with congenital hepatic fibrosis: case report (Dewhurst *et al*). 525
artery, anomalous origin, from pulmonary trunk, repair after diagnostic cross sectional echocardiography: case report (Jureidini *et al*). 173
anomalous, from pulmonary artery, 15 year sample (Menahem & Venables). 378
sided morphologically normal heart, mirror image arrangement of abdominal organs: case report (Sacks & Rifkin). 534
ventricular function, long term improvement after early thrombolytic treatment in myocardial infarction: correspondence (Muir & Nicoll). 85
and oesophageal function in angina pectoris and normal coronary angiograms (Schofield *et al*). 218
poor, diltiazem management of ischaemia (Zema *et al*). 512
performance, in alcoholics without chronic liver disease (Kelbæk *et al*). 352
exercise induced changes, detection by Doppler echocardiography (Daley *et al*). 447
pseudoaneurysm, after mitral valve replacement, value of combined cross sectional and Doppler echocardiography in detection (Kupari *et al*). 52
Legionella infection
causing combined pericarditis and pneumonia (Svendsen *et al*). 663
after *Mycoplasma* pneumonia, aortic valve endocarditis associated with: case report (Littrup *et al*). 293

M mode, and cross sectional echocardiographic study of inheritance of hypertrophic cardiomyopathy, 50 families (Greaves *et al*). 259
Magnetic resonance imaging
of pulmonary arteries and their systemic connections in pulmonary atresia, angiographic and surgical findings compared (Rees *et al*). 621
studying blood flow patterns in human aorta (Klipstein *et al*). 316
Mirror image arrangement of abdominal organs, with left-sided morphologically normal heart: case report (Sacks & Rifkin). 534
Mitral
stenosis, rheumatic, percutaneous mitral valvotomy, new approach (Commeau *et al*). 142
in sinus rhythm, failure of propranolol to improve exercise tolerance (Bassan *et al*). 254
valve replacement, value of combined cross sectional and Doppler echocardiography in detection of left ventricular pseudoaneurysm after (Kupari *et al*). 52
valvotomy, percutaneous, in rheumatic mitral stenosis, new approach (Commeau *et al*). 142
Mortality in heart failure, clinical variables of prognostic value (Cleland *et al*). 572
Mustard procedure, transposition of great arteries, late results, adolescents and adults (Warnes & Somerville). 148
Mycoplasma pneumonia, *Legionella* infection after, aortic valve endocarditis associated with: case report (Littrup *et al*). 293
Myocardial
infarction, evolution, effect of early coronary patency, arteriography (Timmis *et al*). 345
global and regional right ventricular function after, dependence upon site of left ventricular infarction (Caplin *et al*). 101
intravenous streptokinase treatment and serum C-reactive protein (Pietilä *et al*). 225

long term improvement, left ventricular function, after early thrombolytic treatment: correspondence (Muir & Nicoll). 85
Q-wave and non Q-wave, residual myocardial jeopardy (Bissett *et al*). 460
relation to preoperative myocardial ischaemia (Yousif *et al*). 9
serum beta-enolase in (Nomura *et al*). 29
sudden death predictors up to 18 years after a first attack (Daly *et al*). 567
ischaemia, preoperative, relation to perioperative infarction (Yousif *et al*). 9
Myocarditis
acute: diagnostic dilemma: editorial (Billingham). 6
viral, and dilated cardiomyopathy in early childhood: correspondence (Menahem). 420
Myxoedema, and coronary artery surgery: case report (Kirk *et al*). 674
Myxoma, left atrial, rapid growth, shown by echocardiography: case report (Roudaut *et al*). 413

Neuralgia, glossopharyngeal, treatment by carbamazepine: case report (Saviolo & Fiasconaro). 291
Neurocirculatory asthenia, or Da Costa's syndrome: review (Paul). 306
Nifedipine, in angina pectoris treatment: double blind comparison of nifedipine and slow release nifedipine alone and in combination with atenolol (Crake *et al*). 617
Notices 84, 178, 298, 422, 546, 680

Oesophageal function, and left ventricular function in angina pectoris and normal coronary angiograms (Schofield *et al*). 218

Pacemakers, service based on district general hospital (Godden *et al*). 495
Pacing
long term dual chamber atrioventricular synchronous and ventricular demand, comparison of symptoms and intra-arterial ambulatory blood pressure (Boon *et al*). 34
ventricular, conventional fixed rate, and rate responsive Activitrax, randomised crossover trial (Lipkin *et al*). 613
Percutaneous
aortic balloon dilatation, for calcific aortic stenosis in elderly (Di Mario *et al*). 644
neonates and infants (Wren *et al*). 608
and coronary angioplasty, combined: case report (Bishop *et al*). 672
balloon pulmonary valvotomy, use of double balloon technique (Al Kasab *et al*). 136
transluminal coronary angioplasty, assessing success: editorial (Bourdillon). 185
coronary sinus pH during, early development of acidosis during myocardial ischaemia, man (Crake *et al*). 110
repeated pathological changes induced by (Ueda *et al*). 635
rupture of saphenous vein bypass graft: case report (Drummer *et al*). 78
in spasm superimposed on atherosclerotic narrowing (Bertrand *et al*). 469
of stenosis of internal mammary artery graft: correspondence (Singh *et al*). 85
Pericarditis and pneumonia, combined, caused by *Legionella* infection (Svendsen *et al*). 663
Pneumonia and pericarditis, combined caused by *Legionella* infection (Svendsen *et al*). 663
Postoperative cardiac failure, continuous arteriovenous haemofiltration, children (Zobel *et al*). 473
Pregnancy and valve prostheses: editorial (Oakley). 303
Primary pulmonary hypertension
pathology of early and late stages (Heath *et al*). 204
reversibility, during six years treatment with oral diazoxide: correspondence (Hall & Petch). 420
Propranolol, failure to improve exercise tolerance in mitral stenosis in sinus rhythm (Bassan *et al*). 254
Prosthetic valve endocarditis
late, fifty cases, improvement in prognosis over 15 year period (Leport *et al*). 66
survey (Ismail *et al*). 72
Pulmonary
artery, anomalous left coronary artery from, 15 year sample (Menahem & Venables). 378
atresia, with intact ventricular septum, operative balloon dilatation (Hamilton *et al*). 374
magnetic resonance imaging of pulmonary arteries (Rees *et al*). 621
hypertension, severe, and multiple left coronary arterial fistulas, in association with congenital hepatic fibrosis: case report (Dewhurst *et al*). 525
trunk, anomalous origin of left coronary artery from, repair after diagnostic cross sectional echocardiography: case report (Jureidini *et al*). 173
trunk and aortic root, cross sectional echocardiographic assessment, infants and children (Ichida *et al*). 627
Pulsed wave Doppler scanning in ventricular septal defect after myocardial infarction (MacLeod *et al*). 214

Radionuclide ventriculography, usefulness with cold pressor test and sustained isometric handgrip exercise, in evaluation of coronary artery disease: correspondence (Marx). 678
Respiratory modulation of cardiac time intervals (Van Leeuwen & Kuemmell). 129
Rheumatic
heart disease, genetic marker for (Rajapakse *et al*). 659
mitral stenosis, percutaneous mitral valvotomy, new approach (Commeau *et al*). 142
Right
atrial isomerism, and sequential segmental analysis, conjoined twins (Rossi *et al*). 518
ventricular assist device, successful use: case report (Belcher *et al*). 162
function, global and regional, after myocardial infarction, dependence upon site of left ventricular infarction (Caplin *et al*). 101
outflow tract, morphology, after percutaneous pulmonary valvotomy, long term follow up (Robertson *et al*). 239

Saphenous vein bypass graft, rupture: case report (Drummer *et al*). 78
Sequential segmental analysis, and right atrial isomerism, conjoined twins (Rossi *et al*). 518
Sick sinus syndrome: possible result of cardiac ischaemia (Shaw *et al*). 598
Sinus venosus atrial septal defect, repair, use of endotracheal tube for cannulation of left superior vena cava via coronary sinus: case report (Harris *et al*). 676
Spasm, superimposed on atherosclerotic narrowing, percutaneous transluminal coronary angioplasty in (Bertrand *et al*). 469
Streptokinase, intravenous, treatment and serum C-reactive protein in acute myocardial infarction (Pietilä *et al*). 225
Strokes, recurrent embolic, left atrial metastasis presenting as: case report (Chalmers & Campbell). 170
Subacute effusive constrictive pericarditis with probable amoebic aetiology: case report (Baid *et al*). 296
Subaortic stenosis, and regurgitation, development, several years after successful operation on common atrium: case report (Misra *et al*). 531
Sudden death predictors, up to 18 years after first attack of unstable angina or myocardial infarction (Daly *et al*). 567
Supravalvar membranous stenosis, acquired, of left atrioventricular valve: case report (Martin *et al*). 176
Syphilis, cardiovascular, "late" manifestations, occurring in young man: case report (Brown *et al*). 405

Tachycardias, spontaneous, atrial natriuretic peptide in (Crozier *et al*). 96
Tamponade, chronic proximal aortic dissection presenting as, after 16 years: case report (Fraser *et al*). 166
Tetralogy of Fallot, repaired, ventricular arrhythmia, effect of operation or a consequence of course of the disease (Sullivan *et al*). 40
Thrombolytic treatment, early, in acute myocardial infarction, long term improvement, left ventricular function: correspondence (Muir & Nicoll). 85
Thrombus, left atrial vascularised, diagnosed by transoesophageal cross sectional echocardiography: case report (Taams *et al*). 669
Time intervals, cardiac, respiratory modulation (Van Leeuwen & Kuemmell). 129
Transluminal coronary balloon angioplasty for elderly with severe angina (Urban *et al*). 465
Transoesophageal echocardiography,
  cross sectional diagnosing left atrial vascularised thrombus: case report (Taams *et al*). 669
  detection of aortic dissection (Erbel *et al*). 45
Transposition of great arteries, late results, adolescents and adults after Mustard procedure (Warnes & Somerville). 148
Transvenous cardioversion for management of recurrent ventricular arrhythmias (Bucknall *et al*). 245
Tumour emboli from endocardial metastasis: case report (Chalmers & Campbell). 170
Twins, conjoined, right atrial isomerism, and sequential segmental analysis (Rossi *et al*). 518

Vagal heart rate control, impaired, in coronary artery disease (Airaksinen *et al*). 592
Valve prostheses and pregnancy: editorial (Oakley). 303
Valvotomy, percutaneous pulmonary, and morphology of right ventricular outflow tract, long term follow up (Robertson *et al*). 239
Variant angina induced by biliary colic: case report (Antonelli & Rosenfeld). 417
Ventricular
  arrhythmias, induction, by programmed ventricular stimulation (Weissberg *et al*). 489
    recurrent, transvenous cardioversion in management (Bucknall *et al*). 245
    in repaired tetralogy of Fallot, effect of operation or consequence of the course of the disease (Sullivan *et al*). 40
    see also Arrhythmias
  defibrillation, Belfast experience: review (Dalzell *et al*). 441
  septal defect, after myocardial infarction assessment by cross sectional echocardiography with pulsed wave Doppler scanning (MacLeod *et al*). 214
    size derived from catheterisation (Fukazawa *et al*). 19
  stimulation studies in Wolff-Parkinson-White syndrome, uncertainties about interpretation: editorial (Robinson & Krikler). 87
  tachycardia, electrophysiological testing, simplifying technicalities; editorial (Ward). 437
    inducible multiform, in Wolff-Parkinson-White syndrome (Brembilla-Perrot *et al*). 89

Warm up phenomenon, in angina pectoris, observations (Joy *et al*). 116
Wolff-Parkinson-White syndrome
  inducible multiform ventricular tachycardia in (Brembilla-Perot *et al*). 89
  uncertainties about interpretation of ventricular stimulation studies; editorial (Robinson & Krikler). 87